

WHAT IS CLAIMED IS:

1. A thermoplastic polyamide composition
5 comprising: (a) from about 5 to about 30 weight percent
of a free-flowing toughener comprising from about 20
weight percent to about 95 weight percent polyvinyl
butyral; (b) complementally, 95 to 25 weight percent
polyamide that is melt processible below about 320°C
10 and a number average molecular weight of at least
5,000; (c) a mineral filler in an amount of from about
10 to about 45 weight percent of the total composition;
and (d) optionally a coupling agent.
- 15 2. The composition of Claim 1 wherein the
toughener comprises one or more polymers having
anhydride functionality and one or more polymers having
carboxylic acid functionality.
- 20 3. The composition of Claim 1 wherein the
toughener additionally comprises a non-reactive
polymer.
- 25 4. The composition of Claim 3 wherein the non-
reactive polymer is selected from the group consisting
of polyethylene, polypropylene, polyvinylchloride,
nylon, olefinic copolymers, and mixtures thereof.
- 30 5. The composition of Claim 1 wherein the filler
is a mineral selected from the group consisting of
calcined clay, metal carbonates, titanium dioxide,
wollastonite, or talc.

6. The composition of Claim 1 comprising a coupling agent wherein the coupling agent is an aminosilane compound and is included in an amount of from about 0.1 to about 1 wt%.

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7. The composition of Claim 1 wherein the polyamide is selected from the group consisting of Nylon 6; Nylon 11; Nylon 12; Nylon 66; Nylon 6, 10; Nylon 12, 12; and copolymers of epsilon-caprolactam with hexamethylenediamine and adipic acid.

8. An article prepared from the composition of Claim 1.

15 9. The article of Claim 8 wherein the article is selected from articles in the group consisting of: toys; furniture; cars; trains; automobiles; appliances; boats; acoustic tiles; acoustic flooring; walls; ceilings; roofs; and, roofing materials.

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